Amendments to the Specification

Please replace the paragraph bridging pages 5 and 6 with the following amended paragraph:

The above problem can be resolved and the object can be achieved, if in a complex computerized system having a processor for processing commands, and one or more shared resources (such as a number for memory units, databases, hardware units and the like) required for ~~execution~~ executing said commands, there is applied a method for effective utilizing the shared resources (at a command level), and the method comprises steps of:

- deriving, from each of said commands, subcommands respectively related to said one or more shared resources,
- assigning priorities to said subcommands,
- forwarding said subcommands to one or more input queues of the respective one or more shared resources, so that each of said input queues comprises the subcommands related to a particular shared resource, thereby ensuring execution of the subcommands from said queues by said shared resources in an asynchronous manner, and according to said subcommand priorities by each of the shared resources.

Please replace the paragraph bridging pages 6 and 7 with the following amended paragraph:

In a typical case, where there are many shared resources and more than one command to be executed, the method provides for simultaneous utilizing of said different shared resources and consequently, for asynchronous execution of the commands. In such a typical case, the list of shared resources required for execution of one command, at least partially overlap the list of shared resources required for execution of another command. However, even in a case where only one command is to be currently executed using one shared resource, the method still applies since this command may comprise a number of subcommands requiring utilizing of the shared resources but having "different importance". Even in such a case, assigning priorities to the subcommands would allow using the shared resource effectively, since a more urgent operation or a newly arriving subcommand <u>of another command,</u> would have a chance to be executed by the shared resource without waiting for the prior command completion.

Please replace the first paragraph on page 9 with the following amended paragraph:

Yet another characteristic feature should be mentioned concerning the method. Each of the commands, when

completely executed results in issuing a final report, say, to the higher level of the hierarchical system. For the final report to be issued, responses to all subcommands of the command are to be received. However, when one or more said responses concerning one or more of the critical subcommands is received by the corresponding command, a report concerning execution of the critical part of the command (a so-called critical part report or a preliminary report) may be preliminarily released. The critical part report might be important for an earlier start of any additional command and/or operation at a higher level or at another processor of the same level of the system. Therefore, the critical part report can be used for initiating various urgent actions even before the command that issued such a report is completely executed (i.e. when all its subcommands and other portions are executed).

Please replace the first full paragraph on page 10 with the following amended paragraph:

Preferably, the above control system for effective utilizing shared resources of a computerized system further comprises a higher level (master) processor capable of cooperating with said (lower level or slave) command processors; said higher level processor being operative to

distribute commands between said command processors, and receive from said command processors reports to respective commands.